

Jan. 3. 2006 4:55PM pepper hamilton
Docket No. 130924.61101

No. 0312 P. 11

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/827,256
Applicant : Stephen A. Empedocles
Confirmation No. : 4344
Filed : April 5, 2001
TC/A.U. : 2877
Examiner : Stock Jr, Gordon J.
Docket No. : 130924.61101
Customer No. : 21269

TITLE: SPATIAL POSITIONING OF SPECTRALLY ENCODED BEADS

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73 AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned, being Assignee of record of the entire interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor.

The Assignee hereby revokes any previous Powers of Attorney and appoint the attorneys and agents associated with Customer Number 56466, for so long as they remain with such company or firm,

with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to transact all business in the Patent and Trademark

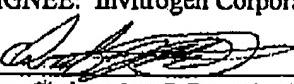
Office in connection therewith, to receive the Letters Patent document, and for one year after the issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to Invitrogen Corporation, referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all future communications regarding this application as follows:

Customer Number 56466
Pepper Hamilton LLP
One Mellon Bank Center
500 Grant Street
Pittsburgh, PA 15219-2502

ASSIGNEE: Invitrogen Corporation

By: 
Name: Christopher J. Buntel, Ph.D., J.D.
Title: Intellectual Property In-House Counsel
Date: 3 Jan 06

ASSIGNMENT:

- Concurrently filed
 Previously recorded

Date: December 7, 2005

Reel: 016862

Frames: 0372

STATEMENT UNDER 37 C.F.R. 3.73(B)

Applicant/Patent Owner: Invitrogen Corporation
Application No./Patent No.: 09/827,256
Filed/Issue Date: April 5, 2001
Entitled: SPATIAL POSITIONING OF SPECTRALLY ENCODED BEADS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Invitrogen Corporation (name of assignee), a corporation (type of organization), states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either.

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: Empedocles, et al. To: Quantum Dot Corporation

The document was recorded in the Patent and Trademark Office at Reel 012082,
Frame 0626, or for which a copy thereof is attached.

2. From: Quantum Dot Corporation To: Invitrogen Corp.

The document was recorded in the Patent and Trademark Office at Reel 016862, Frame 0372, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e. the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO.

See MPEP 302-302.6]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Signature:



Typed or printed name:

Christopher J. Buntel, Ph.D., J.D.

Title:

Intellectual Property In-House Counsel

Date:

3 Jan 06